

OK

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/083,484	CHUN, DOO-HWAN	
	<b>Examiner</b>	<b>Art Unit</b>	
	Van T. Trieu	2636	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 27 Feb. 2005.
2. ☒ The allowed claim(s) is/are 1-7,9-28,31-33 and 35-38.
3. ☒ The drawings filed on 22 March 2005 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                                     |                                                                                        |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)                                                    | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|                                                                                                                     | 9. <input type="checkbox"/> Other _____.                                               |

### ***DETAILED ACTION***

#### **EXAMINER'S AMENDMENT**

1. The application has been amended as follows: in claim 1, line 20, the phrase "said main" should change to --- a main --- .

#### ***Allowable Subject Matter***

2. The following is an examiner's statement of reasons for allowance: there are no prior arts teaching or suggesting of a security system, comprising:

a multichannel image processor for selectively receiving image signals transmitted through a plurality of input channels and for outputting the image signals;

a computer connected to the multichannel image processor through a communication interface, the computer having a multichannel image driver, the computer inputting the image signals outputted from the multichannel image processor;

the multichannel image driver controlling a selection of at least one of the input channels in accordance with a selected set-up mode, supplying a main image display window displaying the inputted image signals to a main frame of a display device, supplying at least one manipulation key window displaying keys to the main frame of the display device, processing in accordance with the selected set-up mode, performing at least one of displaying the inputted image signals through the display device in accordance with the selected set-up mode and recording the inputted image signals in a

Art Unit: 2636

memory in accordance with the selected set-up mode, the displayed keys being used for selecting the selected set-up mode and other modes, the main image display window and the at least one manipulation key window being integrally displayed on the main frame of the display device; and

the security system further comprising an alarm sensor for sensing an abnormality of an object to be watched, the main controller transmitting received information of an abnormality signal to the multichannel image driver when the abnormality signal is transmitted and operating an alarm channel selection mode corresponding to the abnormality signal under control of the multichannel image driver.

In another embodiment, the multichannel image driver having a photograph direction manipulation key displayed as a mark having a predetermined shape on an initial point in a direction display window displaying direction guide information guiding a photograph adjust direction when the photograph direction manipulation key is not selected; and

the multichannel image driver displaying the mark after moving the mark in the direction display window in accordance with a dragging direction of a computer mouse having a button pressed to select the mark, outputting a rotation control signal through the multichannel image processor to the at least one photographing device to rotate the at least one photographing device according to the moving of the mark, and showing the mark returning to the initial point when the pressed computer mouse button is released.

In another embodiment, the multichannel image driver having a next key, the next key being selected to display a succeeding frame and at least one detailed photograph key for adjusting and setting up a detailed function including a photographing pattern of the at least one photographing device, the at least one detailed photograph key being displayed in the at least one manipulation key window; and

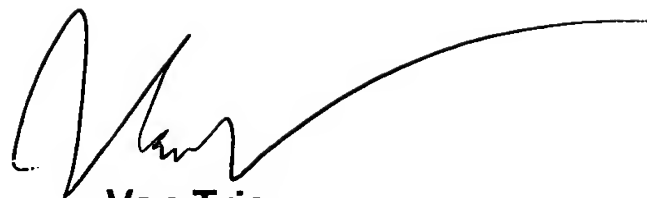
the multichannel image driver loading and displaying the succeeding frame on the display device and processing a function corresponding to a selected key from among the at least one detailed photograph key when the next key is selected.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from examiner should be directed to primary examiner **Van Trieu** whose telephone number is (571) 272-2972. The examiner can normally be reached on Mon-Fri from 7:00 AM to 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. **Jeffery Hofsass** can be reached on (571) 272-2981.

Art Unit: 2636

A handwritten signature in black ink, appearing to read 'Van Trieu', with a long, sweeping horizontal stroke extending to the right.

**Van Trieu**  
**Primary Examiner**  
**Date: 5/27/05**



FIG. 1

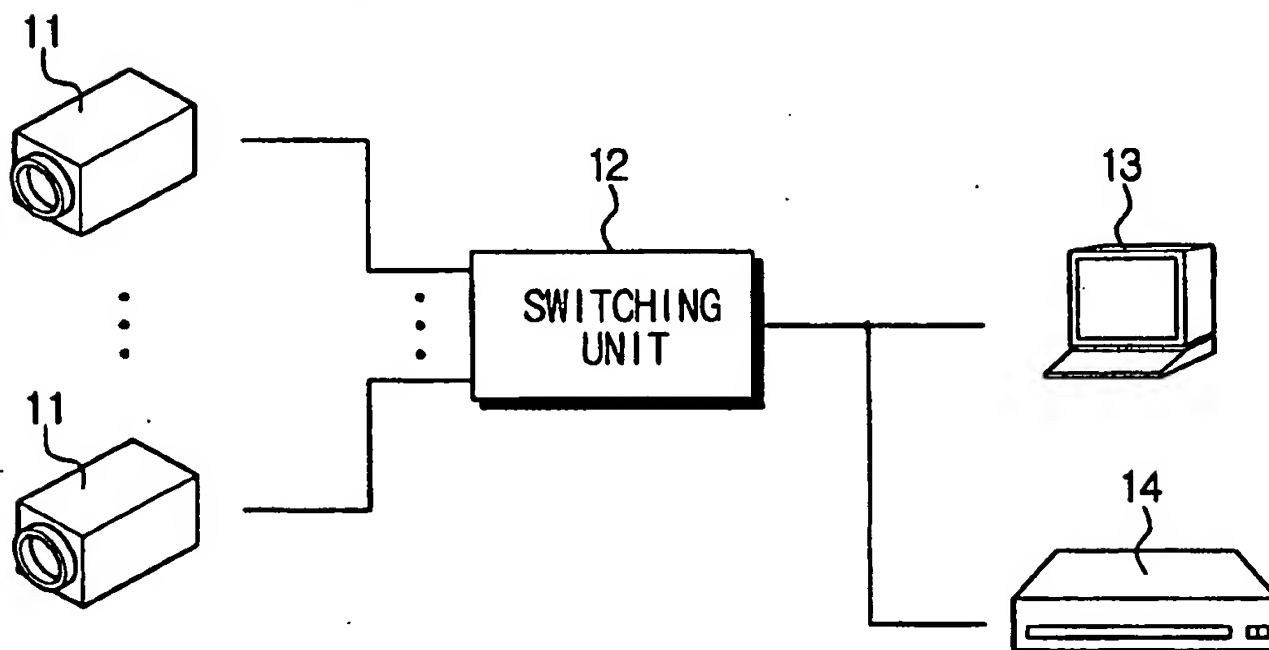


FIG. 2

Approved by Examiner  
*[Signature]*  
 5/27/05

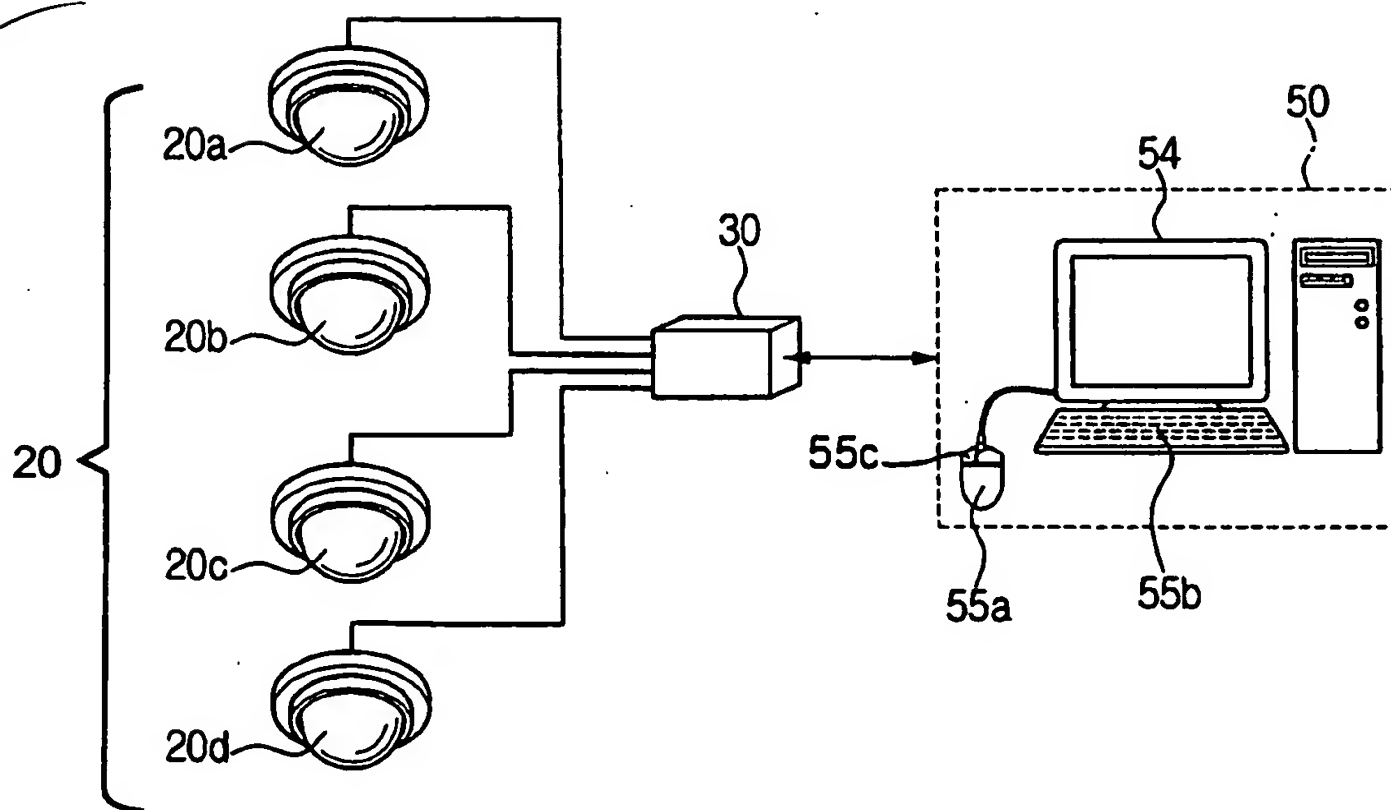




FIG. 5

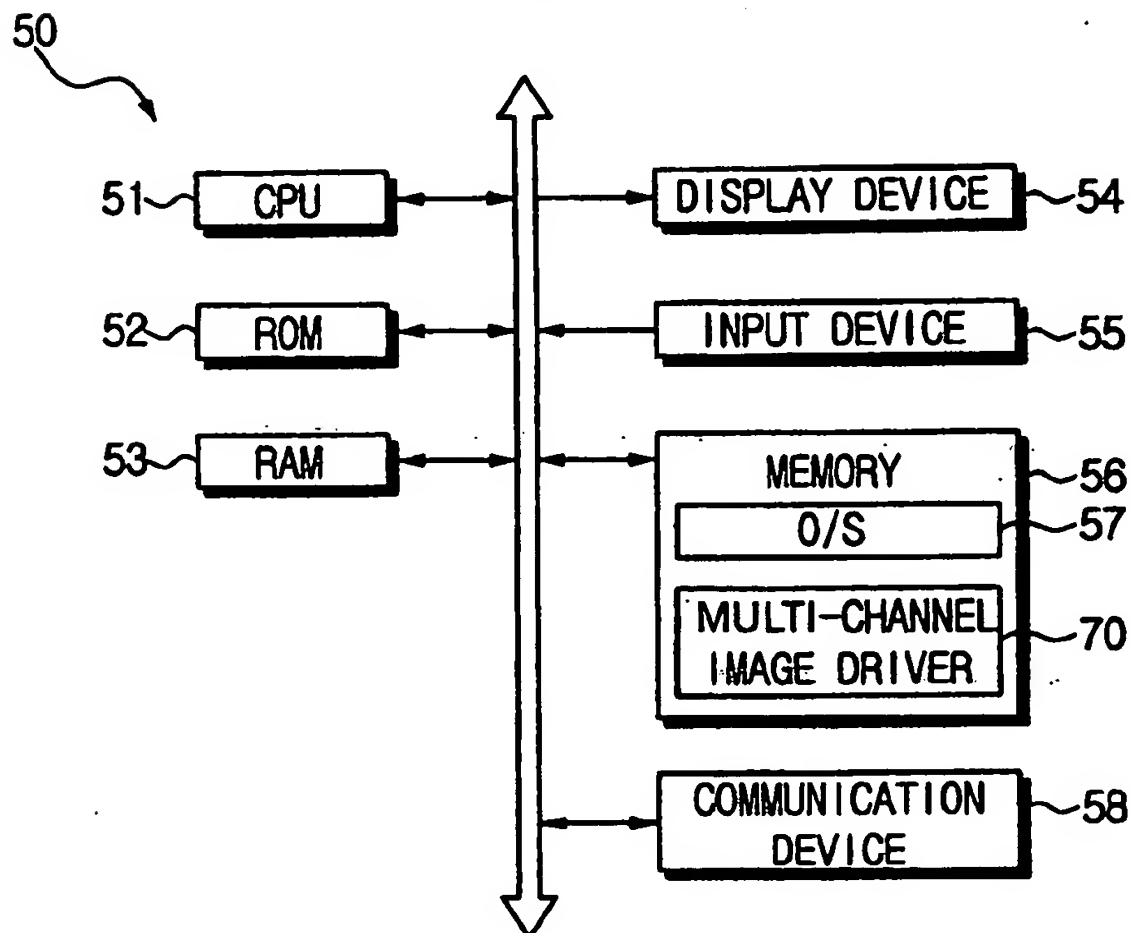
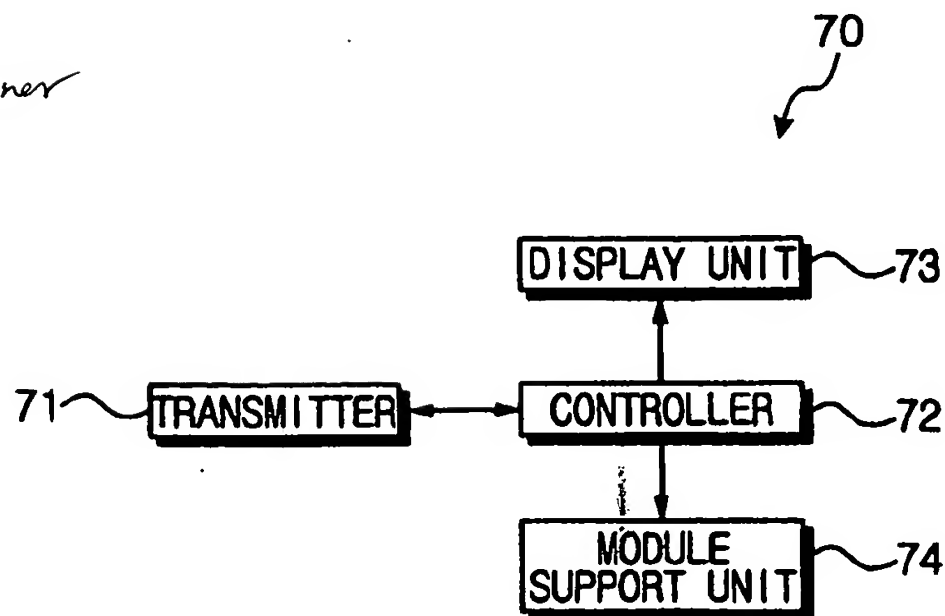


FIG. 6



Approved by Examiner  
 5/27/05